## INTERNATIONAL SEARCH REPORT

International application No.

	PCT/JP2004/015597			
A. CLASSIFICATION OF SUBJECT MATTER	<u> </u>			
Int.Cl <sup>7</sup> F03D3/02, F03D3/06, F03D11/00				
A condition to Task and the self-order of Condition (TRO) and a facility of the self-order of the self	al alectification and IDC			
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by cl	lassification symbols)			
Int.Cl <sup>7</sup> F03D1/00-11/04	assincation symbols,			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2005				
	tsuyo Shinan Toroku Koho	1996-2005		
Electronic data base consulted during the international search (name of	data base and, where practicable, search to	erms used)		
<u> </u>	•	·		
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citation of document, with indication, where as	ppropriate, of the relevant passages	Relevant to claim No.		
Y JP 2000-234582 A (Toshiyuki	UCHIBAYASHI),	1-3,5		
A 29 August, 2000 (29.08.00), Full text; Fig. 1		4		
(Family: none)				
Y JP 2003-278638 A (Ebara Corp	) ) .	1-3,5		
A 02 October, 2003 (02.10.03),	. , , ,	4		
Full text; Fig. 7 (Family: none)				
(ramily. none)				
Y JP 2001-193629 A (Kabushiki	Kaisha Tortoise),	1-3,5		
A   17 July, 2001 (17.07.01), Par. Nos. [0028] to [0030]		4		
(Family: none)				
		1		
Further documents are listed in the continuation of Box C.  See patent family annex.				
* Special categories of cited documents: "T" later document published after the international filing date or priority				
"A" document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the application but clied to understand the principle or theory underlying the invention				
"E" earlier application or patent but published on or after the international filing date  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive				
"L" document which may throw doubts on priority claim(s) or which is step when the document is taken alone				
cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means		step when the document is		
"P" document published prior to the international filing date but later than the				
priority date claimed "&" document member of the same patent family				
Date of the actual completion of the international search  Date of mailing of the international search report				
07 January, 2005 (07.01.05)	25 January, 2005 (	25.01.05)		
N	Authorized officer			
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C (Continuation	n). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2002-235656 A (Maeda Corp.), 23 August, 2002 (23.08.02), Full text (Family: none)	1-3,5 4
Y	<pre>JP 2003-21045 A (Sanyo Electric Co., Ltd.), 24 January, 2003 (24.01.03), Full text; Fig. 1 (Family: none)</pre>	5
Y	JP 2002-130110 A (Kazusaburo MURAI), 09 May, 2002 (09.05.02), Full text; Fig. 12 (Family: none)	5
Α	JP 63-154865 A (Oriental Kiden Kabushiki Kaisha), 28 June, 1988 (28.06.88), Full text (Family: none)	1-5
A	JP 2002-221143 A (Maeda Corp.), 09 August, 2002 (09.08.02), Full text (Family: none)	1-5